WHAT IS CLAIMED IS:

1. A telecommunications system, comprising:

an Ethernet-type local area network; and

one or more telecommunications devices coupled to said Ethernet-type local area network, said one or more telecommunications devices including:

an Internet Protocol voice communication stack;

a Quality of Service Ethernet layer; and

a Generate Quality of Service Ethernet layer interposed between said Internet Protocol voice communication stack and said Quality of Service Ethernet layer and adapted to intercept commands from said Internet Protocol voice communication stack, identify from said commands a quality of service required for individual calls, and generate corresponding Quality of Service commands to said Quality of Service Ethernet layer.

2. A telecommunications system in accordance with claim 1, said Internet Protocol voice communications stack comprising an H.323 compatible voice stack.

3. A telecommunications system in accordance with claim 2, said commands comprising H.225 call setup commands.

4. A telecommunications system in accordance with claim 3, said Generate Quality of Service Ethernet layer adapted to translate a bearer capability portion of said H.225 call setup commands into a Quality of Service Ethernet command.

5. A telecommunications system in accordance with claim 3, said Generate Quality of Service Ethernet layer adapted to translate a called party identification portion of said H.225 call setup commands into a Quality of Service Ethernet command.

6. A telecommunications system in accordance with claim 3, said

Generate Quality of Service Ethernet layer adapted to translate a conference goal portion of said H.225 call setup commands into a Quality of Service Ethernet command.

7. A telecommunications system in accordance with claim 2, said commands comprising H.245 terminal capabilities commands.

8. A telecommunications system in accordance with claim 7, said Generate Quality of Service Ethernet layer adapted to translate a negotiated terminal capability into a Quality of Service Ethernet command.

9. A telecommunications system in accordance with claim 1, said commands comprising RAS commands.

10. A telecommunications system in accordance with claim 9, said commands comprising Admission Request (ARQ) commands to a gatekeeper.

11. A telecommunications system in accordance with claim 9, said commands comprising Bandwidth Request (BRQ) commands to a gatekeeper.

12. A telecommunications device adapted to be coupled to an Ethernet-type local area network, comprising:

an Internet Protocol communication stack;

a Quality of Service Ethernet layer; and

a Generate Quality of Service Ethernet layer interposed between said Internet Protocol voice communication stack and said Quality of Service Ethernet layer and adapted to intercept call commands from said Internet Protocol voice communication stack, identify from said call commands a quality of service required for individual calls, and generate corresponding Quality of Service commands to said Quality of Service Ethernet layer.

13. A telecommunications device in accordance with claim 1, said Internet

Protocol voice communications stack comprising an H.323 compatible voice stack.

14. A telecommunications device in accordance with claim 13, said commands comprising H.225 call setup commands.

15. A telecommunications device in accordance with claim 14, said Generate Quality of Service Ethernet layer adapted to translate a bearer capability portion of said H.225 call setup commands into a Quality of Service Ethernet command.

16. A telecommunications device in accordance with claim 14, said Generate Quality of Service Ethernet layer adapted to translate a called party identification portion of said H.225 call setup commands into a Quality of Service Ethernet command.

17. A telecommunications device in accordance with claim 14, said Generate Quality of Service Ethernet layer adapted to translate a conference goal portion of said H.225 call setup commands into a Quality of Service Ethernet command.

18. A telecommunications device in accordance with claim 13, said commands comprising H.245 terminal capabilities commands.

19. A telecommunications device in accordance with claim 18, said Generate Quality of Service Ethernet layer adapted to translate a negotiated terminal capability into a Quality of Service Ethernet command.

20. A telecommunications device in accordance with claim 12, said commands comprising RAS commands.

21. A telecommunications device in accordance with claim 20, said

commands comprising Admission Request (ARQ) commands to a gatekeeper.

22. A telecommunications device in accordance with claim 20, said commands comprising Bandwidth Request (BRQ) commands to a gatekeeper.

23. A method comprising:

intercepting call commands from an Internet Protocol voice communication stack;

identifying from said call commands a quality of service required for individual calls; and

generating corresponding Quality of Service commands to a Quality of Service Ethernet layer.

24. A method in accordance with claim 23, said Internet Protocol voice communications stack comprising an H.323 compatible voice stack.

25. A method in accordance with claim 24, said call commands comprising H.225 call setup commands.

26. A method in accordance with claim 25, comprising translating a bearer capability portion of said H.225 call setup commands into a Quality of Service Ethernet command.

27. A method in accordance with claim 25, comprising translating a called party identification portion of said H.225 call setup commands into a Quality of Service Ethernet command.

28. A method in accordance with claim 25, comprising translating a conference goal portion of said H.225 call setup commands into a Quality of Service Ethernet command.

29. A method in accordance with claim 24, said commands comprising

2 H.245 terminal capabilities commands.

1 30. A method in accordance with claim 29, comprising translating a
2 negotiated terminal capability into a Quality of Service Ethernet command.

1 31. A method in accordance with claim 24, said commands comprising
2 RAS commands.

1 32. A method in accordance with claim 31, said commands comprising
2 Admission Request (ARQ) commands to a gatekeeper.

1 33. A method in accordance with claim 31, said commands comprising
2 Bandwidth Request (BRQ) commands to a gatekeeper.
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